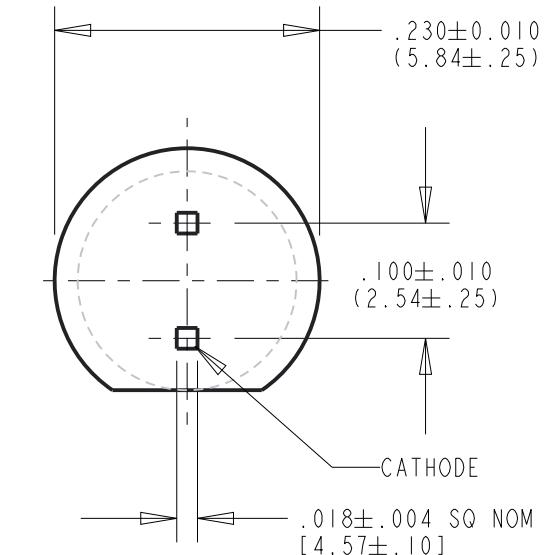
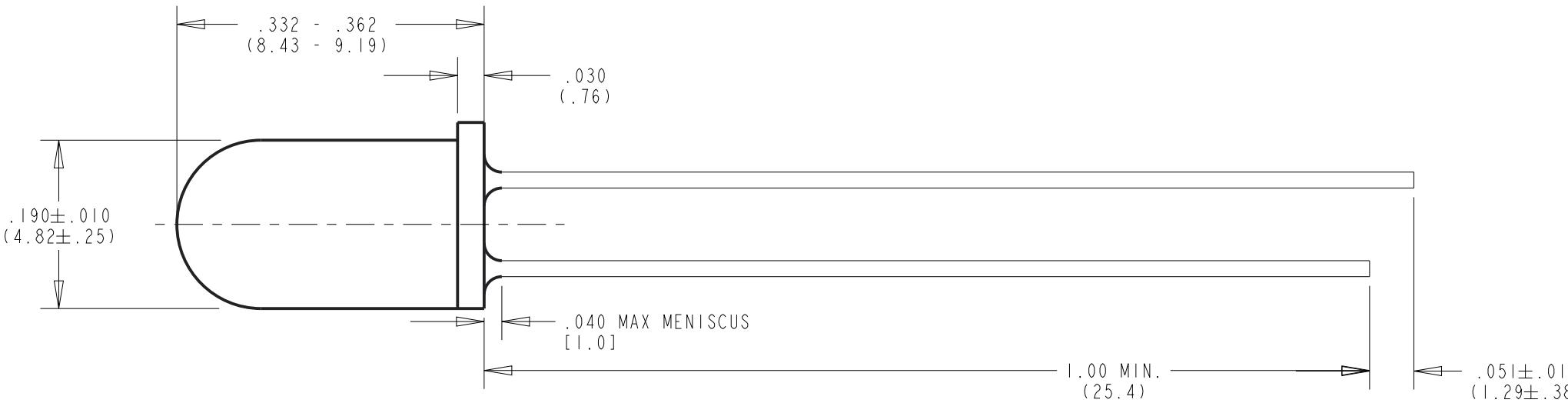


LED COLOR = GREEN DIFFUSED					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	19.1		30.7	mcd	$I_F = 10\text{mA}$
FORWARD VOLTAGE		2.0	2.7	V	$I_F = 10\text{mA}$
REVERSE VOLTAGE	5.0			V	$I_R = 100\mu\text{A}$
PEAK WAVELENGTH		570		nm	
DOMINANT WAVELENGTH		569		nm	
VIEWING ANGLE (2 $\theta_{1/2}$)		60		DEG.	$I_F = 10\text{mA}$
SPEED OF RESPONSE		500		nm	

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	SM	NO	7-30-07	
B	129474	UPDATED LED SPECS	LD	NO	4-11-25	

NOTES:

1. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
2. LEAD FINISH: TIN (Sn) SILVER (Ag), COPPER (Cu) IN THICKNESS OF 50/100 MICRONS, BASE METAL: MILD STEEL.
3. DIALIGHT PART NO. 521-9250F.



RoHS Compliant 521-9250F Thru hole Single Color LED

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 521-9250F
The bag packaging is marked with "RoHS Compliant" label or equivalent markings.
Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT CORP. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT CORP.

ABSOLUTE MAXIMUM RATINGS	GREEN DIFF.	UNITS
POWER DISSIPATION	135	mW
DERATE LINEARLY FROM 50°C	0.5	mA/°C
CONTINUOUS FORWARD CURRENT	25	mA
PEAK FORWARD CURRENT	90	mA
TRANSIENT FORWARD CURRENT (10μs PULSE)	500	mA
LEAD SOLDERING TEMPERATURE FOR 5 SEC.	260	°C
OPERATING TEMPERATURE	-20 TO +100	°C
STORAGE TEMPERATURE	-40 TO +100	°C

SCALE: 6.000	DRAWING NUMBER
ALL DIM's: INCH (mm)	C-17472 B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	
FRACTIONS: ±1/64	
DECIMALS (.XX): ±.01	
DECIMALS (.XXX): ±.005	
DECIMALS (.XXXX): ±.0005	
ANGLES: ±1°	
FINISH	
FSCM 83330	
SHEET 1 OF 1	FAMILY TABLE:

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